

**MOSER  
PATTERSON &  
SHERIDAN, LLP**  
ATTORNEYS AT LAW

3040 Post Oak Blvd, Suite 1500  
Houston, TX 77056-6582  
TEL 713.623.4844  
FAX 713.623.4846  
WWW.MPSLLP.COM

## FACSIMILE COVER SHEET

**RECEIVED**  
CENTRAL FAX CENTER

NOV 06 2006

**DATE:** November 6, 2006  
**FILE NO:** AVAN/000424  
**TO:** Examiner Ari M. Diacou  
**FAX NO:** 571-273-8300  
**COMPANY:** USPTO  
**FROM:** Walter C. Grollitsch  
**PAGE(S) with cover:** 10  
**ORIGINAL TO FOLLOW?** ☐ YES ☒ NO

### RESPONSE TO OFFICE ACTION DATED AUGUST 4, 2006

**TITLE:** SEMICONDUCTOR OPTICAL AMPLIFIER WITH LATERAL  
AND DISTRIBUTED GAIN STABILISATION  
**U.S. SERIAL NO.:** 10/530,690  
**FILING DATE:** 04/08/2005  
**INVENTOR:** Dragens et al.  
**EXAMINER:** Ari M. Diacou  
**GROUP ART UNIT:** 2817  
**CONFIRMATION NO.:** 7126

### CONFIDENTIALITY NOTE

The document accompanying this facsimile transmission contains information from the law firm of Moser, Patterson & Sheridan, L.L.P. which is confidential or privileged. The information is intended to be for the use of the individual or entity named on this transmission sheet. If you are not the intended recipient, be aware that any disclosure, copying, distribution or use of the contents of this faxed information is prohibited. If you have received this facsimile in error, please notify us by telephone immediately so that we can arrange for the retrieval of the original documents at no cost to you.

389180\_1

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

NOV 06 2006

Examiner: Unknown

**Customer No.: 47389**

**For: SEMICONDUCTOR OPTICAL  
AMPLIFIER WITH LATERAL  
AND DISTRIBUTED GAIN  
STABILISATION**

**CERTIFICATE OF FACSIMILE  
TRANSMISSION UNDER 37 CFR 1.8**

I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office on November 6, 2006.

Wm C. Gault

**Signature**

**Walter C. Grollitsch**

**Typed or Printed Name**

48,678

Registration No., if applicable

(713) 623-4844

Telephone Number \_\_\_\_\_

Dear Sir:

**RESPONSE TO OFFICE ACTION DATED AUGUST 4, 2006**

In response to the Office Action dated August 4, 2006, having a shortened statutory period for response set to expire on November 4, 2006, please enter this response and reconsider the claims pending in the application for the reasons discussed below. The Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782/AVAN/000424/WCG, for any fees, including extension of time fees or excess claim fees, required to make this response timely and acceptable to the Office.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2.

**Remarks/Arguments begin on page 6 of this paper.**